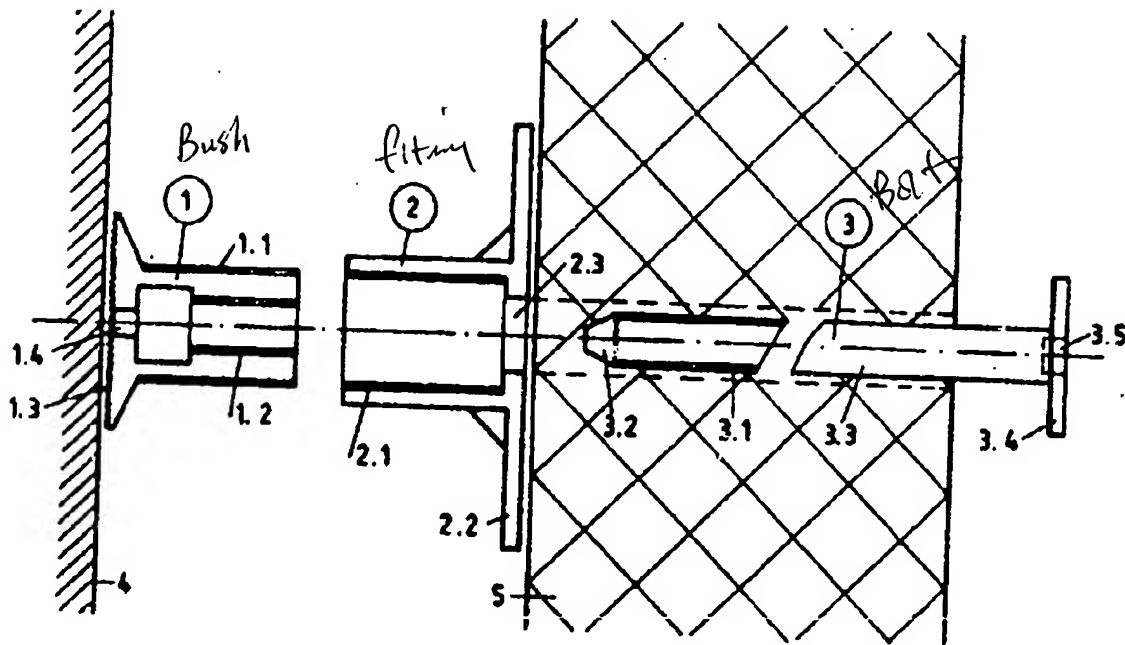


DD 277 933 A



DERWENT-ACC-NO: 1990-290839

DERWENT-WEEK: 199039

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TITLE: Fastener for attaching e.g. panels to concrete structures - has threaded bush to adjust space between panel and structure

INVENTOR: DEVANTIER, P; SCHULZE, S ; SCHULZE, W

PATENT-ASSIGNEE: DEUT BAUAKADEMIE[DEUB]

PRIORITY-DATA: 1988DD-0323017 (December 12, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DD 277933 A	April 18, 1990	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DD 277933A	N/A	1988DD-0323017	December 12, 1988

INT-CL (IPC): E04B001/41

ABSTRACTED-PUB-NO: DD 277933A

BASIC-ABSTRACT:

The adjustable fastening device is for attaching panels, mats and woven material, as well as rails, bars, adaptors, etc, at a distance from a basic surface of solid or lightweight concrete, masonry, wood or plastics.

The device consists of a cylindrical bush with an external and an internal screw thread. The floor end of this bush forms a support surface. A fitting with an internal screw thread is screwed onto the external thread of the bush. This fitting has a support plate with central adjustment. A bolt is screwed into the internal thread of the bush. This bolt has a conical tip and its shank forms a support surface for a rotatable head.

USE - Fastener for use in building industry.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: FASTEN ATTACH PANEL CONCRETE STRUCTURE THREAD BUSH ADJUST SPACE
PANEL STRUCTURE

DERWENT-CLASS: Q43

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1990-223804